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(C) WPI/Derwent

AN - 2001-497525 [55]  
AP - CN20000128111 20001201  
CPY - HANG-N  
DC - B05 E15  
FS - CPI  
IC - C07C231/02 ; C07C235/74  
IN - FAN W; LIU T; TANG M  
MC - B10-D03 E10-C04A  
PA - (HANG-N) HANGZHOU SHOUXIN FINE CHEM CO LTD  
PN - CN1297885 A 20010606 DW200155 C07C235/74 000pp  
PR - CN20000128111 20001201  
XA - C2001-149532  
XIC - C07C-231/02 ; C07C-235/74  
AB - CN1297885 NOVELTY - The present invention provides the preparation process of 1,1-cyclohexyl oxalic amide, as one important intermediate for synthesizing antiepileptic Gabapentin, and the process is the reaction of 1, 1-cyclohexyl oxalic anhydride material with ammonia water or gas in solvent. The solvent is benzene, methylbenzene or dimethylbenzene in the amount of 2-10 times weight of 1,1-cyclohexyl oxalic anhydride, ammonia water or gas is in the molarity of 2.2-4 times that of 1,1-cyclohexyl oxalic anhydride, and the reaction temperature is 30-110 deg. C The technological process of the present invention is simple, high in yield and low in production cost and has a product purity over 97%.  
- (Dwg.0/0)  
IW - PREPARATION CYCLOHEXYL OXALIC AMIDE  
IKW - PREPARATION CYCLOHEXYL OXALIC AMIDE  
INW - FAN W; LIU T; TANG M  
NC - 001  
OPD - 2000-12-01  
ORD - 2001-06-06  
PAW - (HANG-N) HANGZHOU SHOUXIN FINE CHEM CO LTD  
TI - Preparation of 1,1-cyclohexyl oxalic amide